

Fig. 1

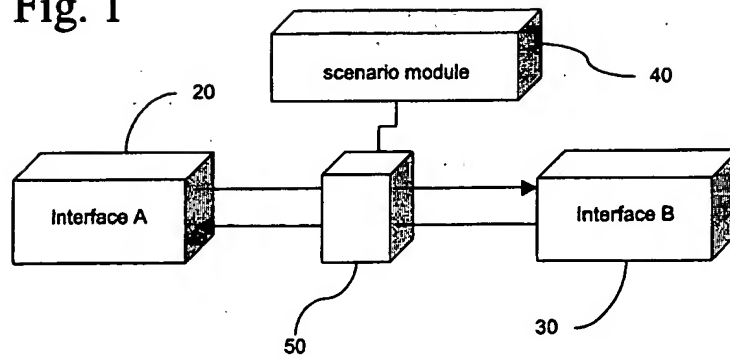


Fig. 2

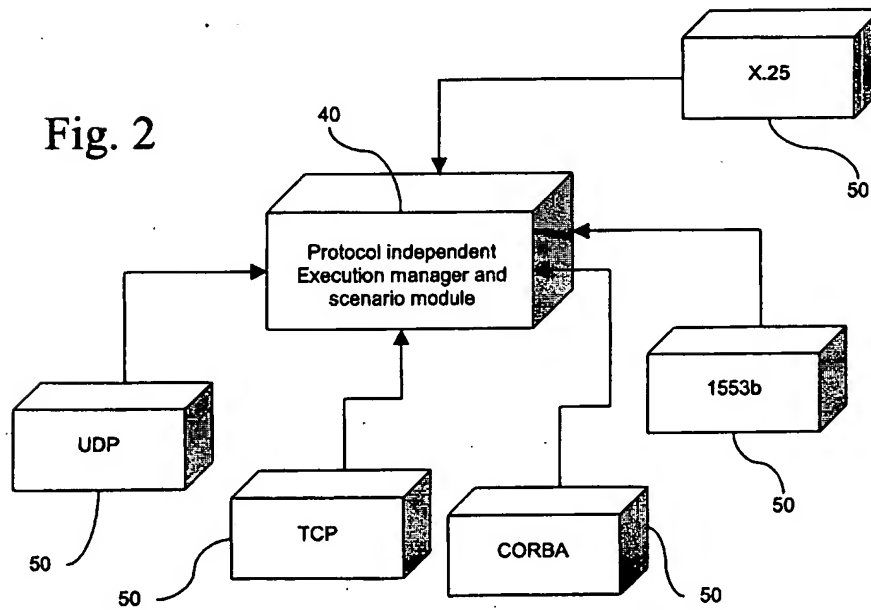


Fig. 3

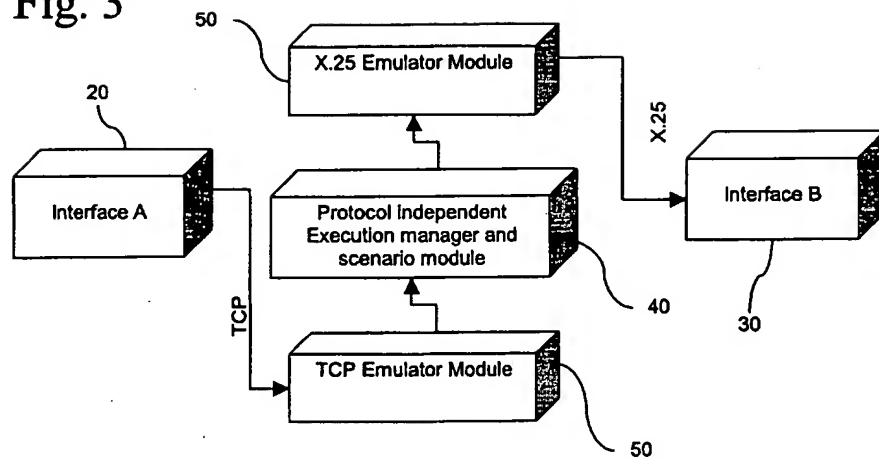


Fig. 4

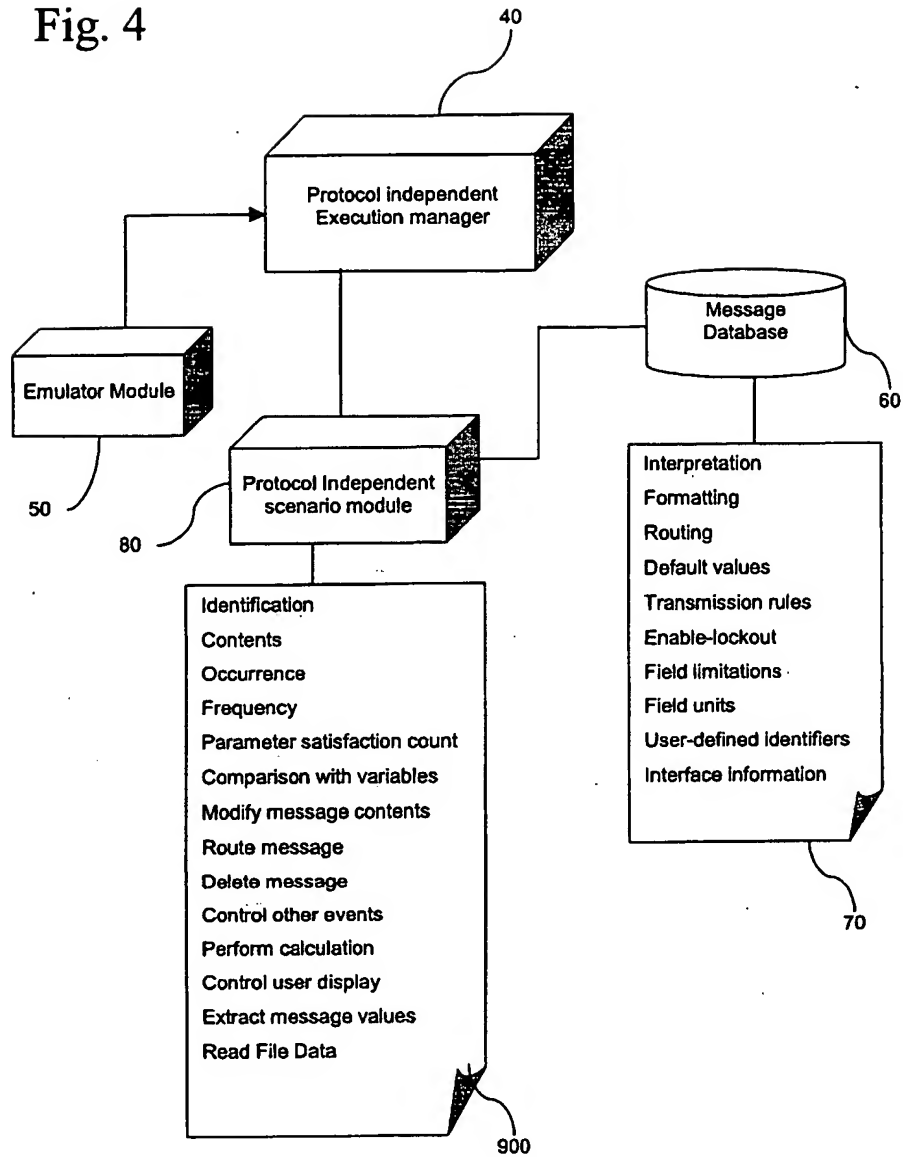


Fig. 5

**Data Item**

Data Item Name	Type	PUID	Size (Bits)
Launcher Message #1	Message	3000001	160
Message ID	Message Name	Interface Name	
64			

**Available Data Items**

Data Item Name
Launcher Header
Launcher Message #1 Acknowledgement
Launcher Message #2
Launcher Message #2 Acknowledgement
Launcher Message ID
Pad 01
Pad 02

**Message Elements**

Launcher Message #1
Launcher Header
Pad 32
Pad 04
Pad 04
Pad 32
Pad 02
Pad 01
Pad 01

**View**

<input type="checkbox"/> Arrays	<input type="checkbox"/> Enumerals	<input type="checkbox"/> Floating Point	<input type="checkbox"/> Messages
<input type="checkbox"/> Records	<input type="checkbox"/> Signed Integers	<input type="checkbox"/> Unsigned Integers	<input type="checkbox"/> Strings
<input checked="" type="checkbox"/> All Data Items			

**Initial Value**

☐ Use Component Defaults

Fig. 6

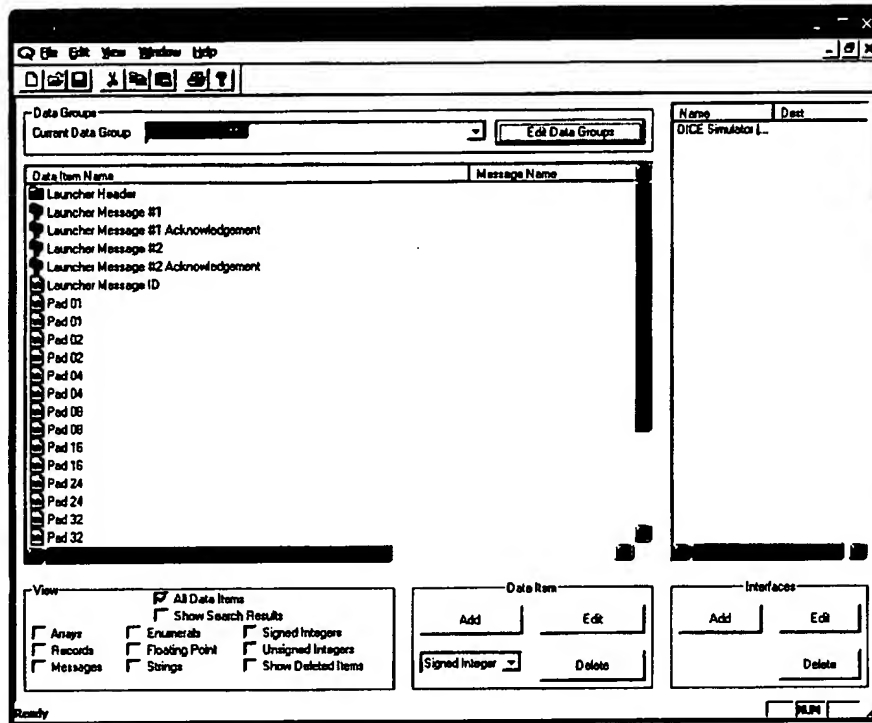


Fig. 7

Unsigned Integer Data Item

Data Item Name		Size (Bits)
Launcher Message ID		8
Data Item Type	PUID	
Unsigned Integer	7000008	
Minimum Value	Maximum Value	Initial Value
0	255	0
Scaling Factor		
1		
Special Processing	Units (Required For Special Processing)	
Header	Message ID	

OK Cancel

Fig. 8

Testing GENITC

File View Tools Help

Selected Scenario File

Interfaces

Name	IP Address	Port	Type	Attributes
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Scenario Control

Start Stop Now Current Time Start Time Stop Time

14:11:00

☐ Start at user entered time ☐ Display Raw Input ☐ Display Raw Output

Status Display Raw Input Raw Output

Time	Status Message
14:07:10.968	GENITC Application Unreleased Engineering Version Generic Interface Test Computer Application Copyright (C) 2000 by Quadrus Corporation
14:07:10.968	Wednesday, November 13, 2002 14:07:10
14:07:10.968	Time Source: System / Synch Mode: None

Ready Src: System Flywheeling Sync: None

Fig. 9

File Edit View Tools Help

Base Logging Directory

Local Scenario: <NONE> [DICE]Log

Interface Control

Name	Type	RCV IP	SND IP	Status	Local Scenario

Enable  
Disable  
Process Children  
Edit

Processing Control

Start Current Time 16:09:25  
Stop Now Start Time 16:09:15  
Stop Time  
☐ Start at user entered time

Endpoint Control

ID	Interface Name	Local IP	RCV IP	SND IP	Status	Local Scenario	Default Destinat

Connect Disconnect

Endpoint Add/Delete

Add  
Edit  
Delete

Status | Display

Time	Interface ID	Endpoint ID	Status Text
16:09:15.748			Processing Started
16:09:09.811			DICE Application Engineering Version 1.0ERT1
			DICE MFC Application
			Copyright (C) 2002
16:09:09.811			Monday, August 12, 2002 16:09:09
16:09:09.811			Time Source: System / Synch Mode: None

Ready Sync System Flyshooting Sync Name



Fig. 10

Scenario: IFT 8 RITE Message Driver for GSS 9.3

File Edit View Window Help

Scenario Name: [Redacted] Message Set Name: C:\Documents and Settings\jeires\Desktop\VT Scenario Creation Date: Wednesday, August 28, 2002 13:37:10

Scenario Description: [Redacted] Scenario Last Modified: Tuesday, September 17, 2002 01:40:56

Scenario Element Type: [Redacted]

Scenario

- IFT 8 RITE Message Driver for GSS 9.3
  - Start Event
  - Send SDS 800
  - Send RDS Track Report
  - Send TPS Track Report
  - Send SDS 825 Internal Message
  - Initialize RDS Conversion (MBO to ECI)
  - Convert RDS (MBO to ECI)
  - Set RDS Covariance (Normal)
  - Set RDS Covariance (Tracker 26)
  - Check RDS Associated Object
  - Set RDS Associated Object
  - Initialize TPS Conversion (ECEF to ECI)
  - Convert TPS (ECEF to ECI)
  - Set TPS Covariance
  - Set ECI Sensor 11
  - Set ECI Sensor 13
  - Set ECI Sensor 19
  - Set ECI Sensor 22
  - Set ECI Sensor 24

Up Down Edit Delete

Events

Event Type: Message Event Add Event

Associated Message: None Add Subroutine

☐ Perform First Valid Event ☒ Perform All Valid Events

Max Nesting Level: 32

Actions

Action Type: Calculate Checksum Add Action

☒ Suppress Msg by Default ☐ Transmit Msg by Default

Change Message Set

Ready

Fig. 11

